TATA TEXTILE MILLS LIMITED

QC/4/062
ISSUE 01

USTERIZED®

SPECIFICATION OF GREY YARN- LABORATORY RESULTS

Nominal Count	24/2 COM WVG COMPACT	30/2 COM WVG COMPACT	32/2 COM WVG COMPACT	40/2 COM WVG COMPACT	50/2 COM WVG COMPACT	60/2 COM WVG COMPACT	40/2 COM WVG COMPACT	50/2 COM WVG COMPACT	58/2 COM WVG COMPACT	60/2 COM WVG COMPACT	70/2 COM WVG COMPACT	80/2 COM WVG COMPACT
Blend	US Fibermax	US Fibermax	US Fibermax	US Fibermax	US Fibermax	US Fibermax	SUPIMA	SUPIMA	SUPIMA	SUPIMA	SUPIMA	SUPIMA
Brand	TATA	TATA	TATA	TATA	TATA	TATA	TATA	TATA	TATA	TATA	TATA	TATA
Twist Per Inch (TPI)	13.77	19.43	13.00	18.34	21.49	21.49	15.52	16.87	20.00	21.49	21.00	24.66
Twist Multiplier (T.M.)	3.94	4.98	3.21	4.07	4.26	3.90				3.90		3.89
Actual Count (Ne)	12.20	15.22	16.37	20.32	25.46	30.44	20.10	25.10	29.10	30.32	35.00	40.29
Count CV%	1.00	1.01	1.05	1.10	1.15	1.10	1.15	1.15	1.20	1.15	1.25	1.20
Lea Strength (lbs)	240	217	194	312	127	105	215	178	156	143	126	108
C.L.S.P.	2928	3301	3176	3176	3176	3176	4322	4468	4540	4336	4410	4351
USTER EVENNESS TESTER (UT-5) RESULTS												
Um (%)	6.25	6.58	6.94	7.32	7.83	7.78	7.1	7.15	7.30	7.51	7.50	7.85
Thin (-50%) / km	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
Thick (+50%) / km	0.0	0.2	1.0	0.6	1.0	0.9	0.0	0.5	0.5	0.8	1.0	2.0
Neps (+200%) / km	0.5	0.4	2.0	1.3	2.3	4.5	3.0	3.2	5.3	6.7	10.0	13.3
Total IPI	0.5	0.6	3.0	1.9	3.3	5.4	3.0	3.7	5.8	7.5	11.0	15.3
Hairiness (H)	5.8	4.9	5.2	4.6	3.9	4.3	4.7	4.62	4.45	4.3	4.20	3.9
USTER TENSOJET 4 RESULTS												
B.Force (gF)	1076	917	826	694	542	456	925	742	660	608	540	458
Elongation (%)	5.5	5.2	4.9	5.3	4.6	3.7	5.2	5.1	5.00	4.65	4.50	4.4
RKM	22.20	23.50	22.60	23.8	23.2	23.3	31.5	31.5	32.5	31	32.0	31.0
TEST CONDITIONS												
Temperature (C)	23 (+/-) 2	23 (+/-) 2	23 (+/-) 2	23 (+/-) 2	23 (+/-) 2	23 (+/-) 2	23 (+/-) 2	23 (+/-) 2	23 (+/-) 2	23 (+/-) 2	23 (+/-) 2	23 (+/-) 2
Humidity (RH%)	65 (+/-) 2	65 (+/-) 2	65 (+/-) 2	65 (+/-) 2	65 (+/-) 2	65 (+/-) 2	65 (+/-) 2	65 (+/-) 2	65 (+/-) 2	65 (+/-) 2	65 (+/-) 2	65 (+/-) 2